

FINDING OF NO SIGNIFICANT IMPACT

safe drinking water act — south carolina state revolving fund

PROJECT: Powdersville Water District Proposed Water System Improvements
(Anderson County)

This Department, under Section 48-5-40 of the Code of Laws of South Carolina, has the authority and responsibility to conduct environmental reviews and approve water preliminary engineering reports (PER) prepared for the Drinking Water State Revolving Fund Programs. Our review has determined that implementation of the plan identified below will not cause a significant environmental impact and the Department hereby issues a Finding of No Significant Impact (FNSI).

This FNSI precedes approval of the PER entitled “Powdersville Water District Preliminary Engineering Report January 2009 Proposed Water System Improvements 12" Water Main Extension- Shackleburg Loop”, dated March 2009. The report recommends construction of water distribution mains. Powdersville Water District will implement the plan. The following Environmental Assessment summarizes the environmental effects of the proposed facilities.

ENVIRONMENTAL ASSESSMENT

Need for New Facilities: Powdersville Water District owns an elevated water storage tank that does not properly draft on the system due to the supply main to the tank being undersized and the tank being on the wrong hydraulic grade line. The proposed water distribution mains will allow the tank to turnover on a daily basis, thereby improving the water quality of the water stored in the tank. In addition, the proposed water distribution mains will complete a loop in the water system, providing better water quantity to the lower pressure zones in the system.

Proposed Facilities: The attached figure shows the project location. Construction for the proposed project will include approximately 16,000 linear feet (LF) of 12-inch and 8,000 LF of 10-inch water main. The estimated total capital cost for this project is \$1,770,000.

Environmental Consequences: Minimal environmental impacts will result from the proposed construction. The proposed water mains will be constructed along existing road right-of-ways. There are no important farmlands, endangered/threatened species, wild and scenic rivers, wetlands, floodplains, archaeological or historical sites, or national natural landmarks, located where they are likely to be impacted by implementation of the proposed project. Short-term, minor disturbances associated with construction such as traffic interference, noise, dust, vegetation loss, erosion and sedimentation will be minimized through the use of best-management construction practices. Demographic analysis and project information indicate no significant adverse impact on a minority or low-income population.

COMMENTS:

Comments in support or disagreement received within 30 days of the date of this FNSI will be evaluated before approval of the preliminary engineering report. If you wish to comment, either send an e-mail (pricedc@dhec.sc.gov) or write to:

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